



Attorney Docket No.: A-67984/464334-00102/RFT/TAL/THR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chang *et al.*

Serial No.: 09/500,376

Filed: February 8, 2000

For: *Baculovirus Produced Plasmodium
Falciparum Vaccine*

Group No. 1645

Examiner: A. Navarro

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop RCE Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450 on:

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Signature Traci H. Ropp
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Copies of the references are enclosed.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

12/24/2003 AWONDAF1 00000024 09500376

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Serial No. 10/356,320
Filing Date: January 30, 2003

Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.


Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order no. A-67984/RFT/TAL/THR (464334-102)).

Respectfully submitted,

DORSEY & WHITNEY LLP

Date: 12/16/03

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Filed Under 37 CFR § 1.34(a)

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Attachments : Form PTO/SB/8A, Substitute for form 1449
4 cited references
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Substitute for form 1449A/PTO
(Modified)**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|-----------------------------------|
| Application Number | 09/500,376 |
| Filing Date | February 8, 2000 |
| First Named Inventor | Sandra P. Chang |
| Group Art Unit | 1645 |
| Examiner Name | A. M. Navarro |
| Attorney Docket Number | A-67984/RFT/TAL/THR (464334-0102) |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | U.S. Patent Document Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

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| | B1 | | | | | |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
|--------------------|----------|---|----------------|
| | 26 | Chang, et al., "Plasmodium falciparum: Gene Structure and Hydrophathy Profile of the Major Merozoite Surface Antigen (gp195) of the Uganda-Palo Alto Isolate" <i>Experimental Parasitology</i> , 67: 1-11 (1988) | |
| | 27 | Hui, et al., "Roles of Conserved and Allelic Regions of the Major Merozoite Surface Protein (gp195) in Immunity against <i>Plasmodium falciparum</i> " <i>Infection and Immunity</i> 60:1422-1433 (1992). | |
| | 28 | Hui, et al. "Induction of Antibodies to the <i>Plasmodium falciparum</i> Merozoite Surface Protein-1 (MSP1) by Cross-Priming with Heterologous MSPs" <i>J. of Immunology</i> , 153: 1195-1201 (1994). | |
| | 29 | Nishimura, T.A.T., "Distribution of MSP-1 Dimorphism in Papua New Guinea and the Importance of BVp42 Dimorphism in Antibody Recognition", Master of Science in Microbiology Thesis, University of Hawaii (December 1999). | |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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